PCI-Express Products

XFX ATI

	Model Number	Chipset	Version	Engine Clk(MHz)	Bus Type	Memory Type	Memory Size	Memory Speed**	Stream	Cooling	HDMI	Outputs	Profile	Features	CrossfireX
	HD-597X-ENF(*)	HD 5970	Black	850	PCI-E 2.1	DDR5	4GB	4.8GHz	3200	Fansink	Δ	¤	Double	X, S, D11,EF	3
	HD-597A-CNB(*)	HD 5970	Black	up to 1GHz	PCI-E 2.1	DDR5	2GB	up to 6Ghz	3200	Fansink	Δ	♦,♠	Double	X, S, D11,EF	3
	HD-597A-CNF(*)	HD 5970	Standard	725	PCI-E 2.1	DDR5	2GB	4Ghz	3200	Fansink	Δ	♦,♠	Double	X, S, D11,EF	3
	HD-587X-ZNB(*)	HD 5870	Black	900	PCI-E 2.1	DDR5	1GB	5GHz	1600	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-587X-ZND(*)	HD 5870	XXX	875	PCI-E 2.1	DDR5	1GB	5GHz	1600	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-587X-ZNE(*)	HD 5870	XT	865	PCI-E 2.1	DDR5	1GB	5GHz	1600	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-587X-ZNF(*)	HD 5870	Standard	850	PCI-E 2.1	DDR5	1GB	4.8GHz	1600	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-585A-ZNB(*)	HD 5850	Black	765	PCI-E 2.1	DDR5	1GB	4.5GHz	1440	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-585A-ZND(*)	HD 5850	XXX	755	PCI-E 2.1	DDR5	1GB	4.5GHz	1440	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-585A-ZNF(*)	HD 5850	Standard	725	PCI-E 2.1	DDR5	1GB	4GHz	1440	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-585X-ZAB(*)	HD 5850	Black	765	PCI-E 2.1	DDR5	1GB	4.5GHz	1440	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-585X-ZAD(*)	HD 5850	XXX	755	PCI-E 2.1	DDR5	1GB	4.5GHz	1440	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-585X-ZAF(*)	HD 5850	Standard	725	PCI-E 2.1	DDR5	1GB	4GHz	1440	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-583X-ZNF(*)	HD 5830	Standard	800	PCI-E 2.1	DDR5	1GB	4GHz	1120	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-583X-ZAD(*)	HD 5830	XXX	840	PCI-E 2.1	DDR5	1GB	4.5GHz	1120	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-583X-ZAF(*)	HD 5830	Standard	800	PCI-E 2.1	DDR5	1GB	4GHz	1120	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	3
	HD-577A-ZND(*)	HD 5770	XXX	875	PCI-E 2.1	DDR5	1GB	5.2GHz	800	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	2
	HD-577A-ZNE(*)	HD 5770	XT	865	PCI-E 2.1	DDR5	1GB	5GHz	800	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	2
	HD-577A-ZNF(*)	HD 5770	Standard	850	PCI-E 2.1	DDR5	1GB	4.8GHz	800	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	2
	HD-577A-ZHF(*)	HD 5770	Standard	850	PCI-E 2.1	DDR5	1GB	4.8GHz	800	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	2
	HD-577X-Z5F(*)	HD 5770	Standard	850	PCI-E 2.1	DDR5	1GB	4.8GHz	800	Fansink	Δ	¤	Standard	X, S, D11,EF	2
	HD-577X-ZMD(*)	HD 5770	XXX	865	PCI-E 2.1	DDR5	1GB	5.1GHz	800	Fansink	Δ	♦, ¤	Standard	X, S, D11,EF	2
	HD-577X-ZMF(*)	HD 5770	Standard	850	PCI-E 2.1	DDR5	1GB	4.8GHz	800	Fansink	Δ	♦, ¤	Standard	X, S, D11,EF	2
	HD-577X-ZNE(*)	HD 5770	XT	800	PCI-E 2.1	DDR5	1GB	5.1GHz	800	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	2
	HD-577X-ZNF(*)	HD 5770	Standard	800	PCI-E 2.1	DDR5	1GB	4.8GHz	800	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	2
	HD-575X-ZND(*)	HD 5750	XXX	740	PCI-E 2.1	DDR5	1GB	4.8GHz	720	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	2
	HD-575X-ZNF(*)	HD 5750	Standard	700	PCI-E 2.1	DDR5	1GB	4.6GHz	720	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	2
	HD-575X-YHF(*)	HD 5750	Standard	700	PCI-E 2.1	DDR5	512MB	4.6GHz	720	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	2
	HD-567X-ZNF(*)	HD 5670	Standard	775	PCI-E 2.1	DDR5	1GB	4GHz	400	Fansink	Yes	♦,▲,♠	Double	X, S, D11,EF	2
	HD-567X-YNF(*)	HD 5670	Standard	775	PCI-E 2.1	DDR5	512MB	4GHz	400	Fansink	Yes	■,▲,♠	Standard	X, S, D11,EF	2
	HD-557X-YNF(*)	HD 5570	Standard	650	PCI-E 2.1	DDR3	512MB	1.6GHz	400	Fansink	Yes	■,▲,♠	Low	S, D11, EF	--
	HD-557X-ZHF(*)	HD 5570	Standard	650	PCI-E 2.1	DDR2	1GB	1GHz	400	Fansink	Yes	■,▲,○	Standard	S, D11	--
	HD-557X-ZNF(*)	HD 5570	Standard	650	PCI-E 2.1	DDR3	1GB	1.6GHz	400	Fansink	Yes	■,▲,♠	Low	S, D11, EF	--
	HD-555X-ZAF(*)	HD 5550	Standard	550	PCI-E 2.1	DDR5	1GB	4GHz	320	Fansink	Yes	■,▲,♠	Standard	S, D11, EF	--
	HD-555X-YHF(*)	HD 5550	Standard	550	PCI-E 2.1	DDR5	512MB	4GHz	320	Fansink	Yes	■,▲,♠	Standard	S, D11, EF	--
	HD-555X-ZNF(*)	HD 5550	Standard	550	PCI-E 2.1	DDR2	1GB	1GHz	320	Fansink	Yes	■,○,▲	Standard	S, D11, EF	--
	HD-555X-YNF(*)	HD 5550	Standard	550	PCI-E 2.1	DDR3	1GB	1.6GHz	320	Fansink	Yes	■,▲,♠	Standard	S, D11, EF	--
	HD-545X-ZNF(*)	HD 5450	Standard	650	PCI-E 2.1	DDR2	1GB	1GHz	80	Fansink	Yes	■,○,▲	Low	S, D11	--
	HD-545X-ZHF(*)	HD 5450	Standard	650	PCI-E 2.1	sDDR3	1GB	1.6GHz	80	Fansink	Yes	■,○,▲	Low	S, D11	--
	HD-545X-YNH(*)	HD 5450	Standard	650	PCI-E 2.1	DDR2	512MB	1GHz	80	Heatsink	Yes	■,○,▲	Low	S, D11	--
	HD-545X-ZAF(*)	HD 5450	Standard	650	PCI-E 2.1	sDDR3	1GB	1.6GHz	80	Fansink	Yes	■,▲,♠	Low	S, D11, EF	--
	HD-487A-ZWF(*)	HD 4870	Standard	750	PCI-E 2.0	DDR5	1GB	3.6Ghz	800	Fansink	Yes	♦	Double	X, S, DX1	3
	HD-485X-ZNF(*)	HD 4850	Standard	625	PCI-E 2.0	DDR3	1GB	1.99GHz	800	Fansink	Δ	♦,●	Double	X, S, DX1	3
	HD-485X-YNF(*)	HD 4850	Standard	625	PCI-E 2.0	DDR3	512MB	1.99GHz	800	Fansink	Δ	■,○	Double	X, S, DX1	3
	HD-485X-YDF(*)	HD 4850	Standard	625	PCI-E 2.0	DDR3	512MB	1.99GHz	800	Fansink	Δ	♦,●	Double	X, S, DX1	3
	HD-467X-ZDF(*)	HD 4670	Standard	750	PCI-E 2.0	DDR2	1GB	800MHz	320	Fansink	Δ	♦,●	Standard	S, DX1	--
	HD-467X-YAF(*)	HD 4670	Standard	750	PCI-E 2.0	DDR2	512MB	800MHz	320	Fansink	Δ	■,○,●	Standard	S, DX1	--
	HD-467X-DDF(*)	HD 4670	Standard	750	PCI-E 2.0	DDR3	1GB	1.6GHz	320	Fansink	Yes	■,○,▲	Standard	S, DX1	--
	HD-467X-YHF(*)	HD 4670	Standard	750	PCI-E 2.0	DDR3	512MB	1.8GHz	320	Fansink	Yes	■,○,▲	Standard	S, DX1	--
	HD-465X-ZDF(*)	HD 4650	Standard	600	PCI-E 2.0	DDR2	1GB	1GHz	320	Fansink	Δ	♦,●	Standard	S, DX1	--
	HD-465X-YAF(*)	HD 4650	Standard	600	PCI-E 2.0	DDR2	512MB	800MHz	320	Fansink	Δ	■,○,●	Standard	S, DX1	--
	HD-457X-ZAF(*)	HD 4570	Standard	650	PCI-E 2.0	DDR2	1GB	1GHz	80	Fansink	Δ	■,○,●	Low	S, DX1	--
	HD-455X-ZAF(*)	HD 4650	Standard	625	PCI-E 2.0	DDR2	1GB	800MHz	80	Fansink	Δ	■,○,●	Low	S, DX1	--
	HD-455X-YAF(*)	HD 4550	Standard	625	PCI-E 2.0	DDR2	512MB	1GHz	80	Fansink	Δ	■,○,●	Low	S, DX1	--
	HD-435X-YAH(*)	HD 4350	Standard	600	PCI-E 2.0	DDR2	512MB	800MHz	80	Heatsink	Δ	■,○,●	Low	DX1, M	--
	HD-435X-ZAH(*)	HD 4350	Standard	600	PCI-E 2.0	DDR2	1GB	800MHz	80	Heatsink	Δ	■,○,●	Low	DX1, M	--
	HD-435X-YNH(*)	HD 4350	Standard	600	PCI-E 2.0	DDR2	512MB	800MHz	80	Heatsink	Yes	■,○,▲	Low	DX1, M	--
	HD-435X-UAH(*)	HD 4350	Standard	600	PCI-E 2.0	DDR2	256MB	1GHz	80	Heatsink	Yes	■,○,▲	Low	DX1, M	--

Outputs - ○ VGA, □ DVI, ◊ Dual DVI, ● S-Video and HDTV, ■ DVI w/ Dual-link, ♦ Dual DVI w/ Dual Dual-link, ♥ DMS-59 Output, ▲ HDMI, ♠ Display Port , Δ Supports HDMI with Upgrade Kit,
Features - X=CrossFireX, S=Stream Technology, M=HyperMemory, DX1=DirectX10.1, D11=DirectX11, EF=Eyefinity

AGP Products

XFX ATI

	Model Number	Chipset	Version	Engine Clk(MHz)	Bus Type	Memory Type	Memory Size	Memory Speed**	Stream	Cooling	HDMI	Outputs	Profile	Features	CrossfireX
	HD-465X-ZPF(*)	HD 4650	Standard	600	AGP	DDR2	1GB	800MHz	320	Fansink	Δ	♦,●	Standard	DX1	--
	HD-465X-YPF(*)	HD 4650	Standard	600	AGP	DDR2	512MB	800MHz	320	Fansink	Δ	■,○,●	Standard	DX1	--

Outputs - ○ VGA, □ DVI, ◊ Dual DVI, ● S-Video and HDTV, ■ DVI w/ Dual-link, ♦ Dual DVI w/ Dual Dual-link, ♥ DMS-59 Output, ▲ HDMI, Δ Supports HDMI with Upgrade Kit
Features - X=CrossFireX, S=Stream Technology, M=HyperMemory, DX1=DirectX10.1

Enthusiast Performance Main Stream

All XFX graphics cards listed are Vista ready.
* See XFXforce.com for the complete model number and package contents. All XFX graphics cards include a Serial Number Door Hanger or Card for convenient reference. Game bundles may be included with certain models/packing during promotional periods.
** Optimal memory speed. Actual speed may vary. The HD 5970 Black Edition reference GPU and memory clock are set at 725 MHz and 4 GHz respectively. Its overclock performance will depend on the graphics card, system and environmental conditions.
*** Specifications subject to change without notice. See XFXforce.com for the latest information.

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PCI-Express Products
XFX NVIDIA

	Engine				Memory								
Model Number	Chipset	Version	Clk(MHz)	Bus Type	Type	Size	Speed**	Shader Clk	Cooling	HDMI	Outputs	Profile	Features	SLI
GS-250X-ZSL(*)	GF GTS 250	Standard	738		DDR3	1GB	2GHz	1836MHz	Fansink	Δ	♦,●	Double	C, D10, P	3
GS-250X-YDF(*)	GF GTS 250	Standard	738	PCI-E 2.0	DDR3	512MB	2.2GHz	1836MHz	Fansink	Δ	♦,●	Double	C, D10, P	3
GT-240X-ZNF(*)	GF GT 240	Standard	550	PCI-E 2.0	DDR3	1GB	1.6GHz	1340MHz	Fansink	Yes	■,○,▲	Double	C, DX1, P	--
GT-240X-YAF(*)	GF GT 240	Standard	550	PCI-E 2.0	DDR3	512MB	2GHz	1340MHz	Fansink	Yes	■,○,▲	Double	C, DX1, P	--
GT-240X-YHF(*)	GF GT 240	Standard	550	PCI-E 2.0	DDR5	512MB	3.4GHz	1340MHz	Fansink	Yes	■,○,▲	Double	C, DX1, P	--
GT-220X-ZNF(*)	GF GT 220	Standard	625	PCI-E 2.0	DDR2	1GB	800MHz	1335MHz	Fansink	Yes	■,○,▲	Standard	C, DX1, P	--
GT-220X-ZHF(*)	GF GT 220	Standard	625	PCI-E 2.0	DDR3	1GB	1.6GHz	1335MHz	Fansink	Yes	■,○,▲	Standard	C, DX1, P	--
GT-220X-YHF(*)	GF GT 220	Standard	625	PCI-E 2.0	DDR3	512MB	1.8GHz	1335MHz	Fansink	Yes	■,○,▲	Standard	C, DX1, P	--
GM-210X-YNF(*)	GF G 210	Standard	589	PCI-E 2.0	DDR2	512MB	800MHz	1402MHz	Fansink	Yes	■,○,▲	Low	C, DX1, P	--
GM-210X-YAF(*)	GF G 210	Standard	589	PCI-E 2.0	DDR2	512MB	800MHz	1402MHz	Fansink	Yes	■,○	Low	C, DX1, P	--
PV-T95G-ZAF(*)	GF 9500 GT	Standard	550	PCI-E 2.0	DDR2	1GB	800MHz	1375MHz	Fansink	Δ	■,○,●	Low	C, D10, P	2
PV-T95G-YAJ(*)	GF 9500 GT	Standard	550	PCI-E 2.0	DDR3	512MB	1.6GHz	1700MHz	Fansink	Δ	■,○,●	Low	C, DX1, P	--
PV-T95G-YAR(*)	GF 9500 GT	Standard	550	PCI-E 2.0	DDR2	512MB	800MHz	1375MHz	Fansink	Δ	■,○,●	Low	C, D10, P	2
PV-T94G-Y1S(*)	GF 9400 GT	Standard	550		DDR2	1GB	800MHz	1400MHz	Fansink	Δ	■,○,●	Low	C, D10, P	--
PV-T94G-YAJ(*)	GF 9400 GT	Standard	550	PCI-E 2.0	DDR2	512MB	800MHz	1400MHz	Fansink	Δ	■,○,●	Low	C, D10, P	--
PV-T94G-YHH(*)	GF 9400 GT	Standard	550	PCI-E 2.0	DDR2	512MB	800MHz	1400MHz	Heatsink	Δ	■,○,●	Standard	C, D10, P	--
PV-T94G-YRF(*)	GF 9400 GT	Standard	550	PCI-E 2.0	DDR2	512MB	800MHz	1400MHz	Heatsink	Δ	■,○	Low	C, DX1, P	--
PV-T86S-WHL(*)	GF 8400 GS	Standard	567	PCI-E	DDR2	256MB	800MHz	1350MHz	Heatsink	Δ	□,○	Low	D9	--
PV-T86S-YHL(*)	GF 8400 GS	Standard	567	PCI-E	DDR2	512MB	800MHz	1350MHz	Heatsink	Δ	□,○	Low	D9	--

Outputs - ○ VGA, □ DVI, ◊ Dual DVI, ● S-Video and HDTV, ■ DVI w/ Dual-link, ♦ Dual DVI w/ Dual Dual-link, ♥ DMS-59 Output, ▲ HDMI, Δ Supports HDMI with Upgrade Kit
Features - C=CUDA, D9=DirectX9, D10=DirectX10, P=PhysX, T=TurboCache, DX1=DirectX10.1
s = support up to

PSU Products

Model Number	Version	Wattage	+3.3V	+5V	+12V	-12V	+5VSB	Input Voltage	Input Current	Input Frequency	Modular	Active PFC	Cooling Fan
P1-850B-CAG9	Black	850W	24A	30A	70A	0.8A	3A	90-264 VAC	12A	47-63 Hz	Yes	Yes	Yes
P1-850B-NLG9	Black	850W	24A	30A	70A	0.8A	3A	90-264 VAC	12A	47-63 Hz	Yes	Yes	Yes
P1-750B-CAG9	Black	750W	24A	30A	62A	0.8A	3A	90-264 VAC	10A	47-63 Hz	Yes	Yes	Yes
P1-750B-NLG9	Black	750W	24A	30A	62A	0.8A	3A	90-264 VAC	10A	47-63 Hz	Yes	Yes	Yes
P1-650X-CAG9	XXX	650W	24A	30A	52A	0.8A	3A	90-264 VAC	10A	47-63 Hz	Yes	Yes	Yes
P1-650X-NLG9	XXX	650W	24A	30A	52A	0.8A	3A	90-264 VAC	10A	47-63 Hz	Yes	Yes	Yes
P1-650X-CAH9	XXX	650W	24A	30A	52A	0.8A	3A	90-264 VAC	10A	47-63 Hz	Yes	Yes	Yes
P1-650X-NLH9	XXX	650W	24A	30A	52A	0.8A	3A	90-264 VAC	10A	47-63 Hz	Yes	Yes	Yes

* Specifications subject to change without notice. Power supply appearance may vary. XFX power supplies come with a 5-year Limited Warranty, subject to registration. See XFXforce.com for details and latest product information.

Accessories

Model Number	Description	Platform	Input	Available Outputs	Contents
MA-BK01-LP2K	XFX Low Profile Bracket Kit	Low Profile PC	--	DVI, VGA, S-Video	3 Selectible Low Profile Brackets, 1 VGA Port Cable
MA-BK01-LP1K	XFX Low Profile Bracket Kit	Low Profile PC	--	HDMI, DVI, VGA, S-Video	3 Selectible Low Profile Brackets, 1 Dual Slot Low Profile Bracket, 2 VGA Port Cables
MK-HDMI-UP1K	HDMI Upgrade Kit	HDMI Capable Graphics cards	--	--	HDMI Cable, DVI to HDMI Adapter, SPDIF Cable

Enthusiast Performance Main Stream

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